

SHEET 1 OF 1 IOS (09/05/2003) # 4

**FORM PTO-1449** U.S. Department of  
Commerce (Rev. 4/92) Patent and Trademark  
Office

ATTY. DOCKET NO.

SERIAL NO.

**566.36319CX2**

**10/081,216**

APPLICANT  
H. YOSHIURA, et al

**FILING DATE**  
**February 25, 2002**

**GROUP  
2132**

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


**EXAMINER**

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<b>FORM PTO-1449</b> U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> 566.36319CX2	<b>SERIAL NO.</b> 6081216 N t assign. d	11046 U.S. PTO 10/08/2002 02/25/02
	<b>APPLICANT</b> YOSHIURA, t al		
	<b>FILING DATE</b> February 25, 2002	<b>GROUP</b> 2132	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JO	6 1 3 1 1 6 2	10/00	Yoshiura et al	713	176	6/4/98
JO	5 5 3 0 7 5 9	6/96	Braudaway et al	380	54	2/01/95

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
JO	6 1 1 9 2 2 5	4/94	Japan	G06F	12/00	XX	
JO	0 7 0 5 0 2 5A2	4/96	European	H04N	1/40		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JO	N. Komatsu, et al "A Proposal on Digital Watermark in Document Image Communication and its Application to Realizing a Signature, Electronics and Communications in Japan" 73(1990) May, No. 5, Part 1, New York, US, pp. 22-33
JO	Sasaki et al, "Security Technology for Open Networks", Hitachi Review, JP, Hitachi, Ltd. Tokyo vol. 46, No. 4, pp. 197-202.
JO	M. Schneider et al, "A Robust Content Based Digital Signature for Image Authentication", Proceedings of the International Conference on Image Processing, US, New York, IEEE, pp. 227-230.

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Justin Brown

DATE CONSIDERED

02/17/2004

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

566.36319CX2

SERIAL NO.

10/08/26  
Not assigned

APPLICANT  
YOSHIURA, et al

FILING DATE  
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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JP	5 8 7 2 8 4 8A	2/99	Romney et al	380	54	02/10/1997
JP	5 8 9 2 9 0 4A	4/99	Atkinson et al	395	187.01	12/06/1996
JP	5 8 9 8 7 7 9A	4/99	Squilla et al	380	23	04/14/1997
JP	5 9 6 0 0 8 1A	9/99	Vynne et al	380	10	06/08/1997

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
5 3 1 4 8 9 1 8A	12/78	Japan	H04N	5/66	YES
6 4 3 1 1 9 8 A	2/89	Japan	G096	3/36	YES

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

JP	W. Bender, "Techniques for Data Hiding", IBM Systems Journal, vol. 35, No. 3 & 4, 1996, pp. 313-336.
JP	E. Okamoto, Ango Riron Nyumon (Introduction to Cryptography), Kyoritsu Shuppan Co., Ltd., 1993, pp. 133-137.
JP	B. Schneier, "Applied Cryptography, 2 <sup>nd</sup> Ed., John Wiley & Sons, Inc., 1996, pp. 39-41.
JP	Nikkei Electronics, N. 683, 1997, pp. 99-107.
JP	Opendesign, Apr. 1996, pp. 4-22
JP	Opendesign, Apr. 1996, pp. 40-78.
JP	Jyohoshori (Information Processing), Jyohoshori Gakkai (Information Processing Society of Japan), vol. 38, No. 9, 1997, pp. 752-810.

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	<b>APPLICANT</b> YOSHIURA, et al	
	<b>FILING DATE</b> February 25, 2002	<b>GROUP</b> 2132

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						YES	NO
JP	0 8 5 4 6 3 3 A2	7/98	European	H04N	1/32		
JP	0 8 5 9 5 0 3 A2	8/98	European	H04N	1/00		
JP	0 5 9 0 8 8 4 A2	4/94	European	H04N	1/00		
JP	0 8 5 5 8 2 9 A2	7/98	European	H04N	1/327		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JP	F. Rouaix, "A Web Navigator with Applets in Caml", 1996, Published by Elsevier Science B.B., Computer Networks and ISDN System 28, pp. 1365-1371.
JP	S. Anderson, et al, "Sessioner: Flexible Session Level Authentication with off the shelf servers and clients", 1995 Elsevier Science B.V., Computer Networks and ISDN Systems 27, pp. 1047-1053.

EXAMINER *Justin Ringer*

DATE CONSIDERED 02/17/2004

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